

*Meeting with NHDOT/Cultural Resources & City of Nashua, February 3, 2011*

The City of Nashua and HSI provided an update on the status of efforts to rehabilitate the chimney in the Nashua Millyard.

A condition survey was performed in May 2010 by Boston Chimney & Tower. This survey was an update of an earlier survey performed by the same firm in 1998.

Conditions were observed to be consistent with conditions at the time the earlier survey was performed. The recommended program for rehabilitation remains unchanged.

One of the elements of the recommended program calls for removal and reconstruction of the top 20 feet of the chimney. The City will have the removal performed as an early action step in order to protect workers during the upcoming demolition of the boiler house which is immediately adjacent to the chimney.

Following completion of the boiler house demolition, the City will advertise a construction contract to complete remaining elements in the recommended program for the chimney. The work plan for this future contract has not been finalized and cannot until some additional analysis is performed.

The City has contracted with International Chimney Corporation to remove the top 20 feet of the chimney. Bricks will be lowered to the ground and stacked at a location within the Millyard for future reuse during reconstruction of this portion of the chimney.

A temporary cap will be constructed to protect the newly exposed top of the remaining brick structure.

The City noted that they will also be contracting with a structural engineer to perform a structural analysis of the chimney structure. In order to complete the analysis information is needed regarding the thickness of the brick structure at incremental heights.

While International Chimney Corporation is performing the work onsite, they will also drill a ½ inch hole every 20 feet in height of the chimney. They will measure the structure thickness at these holes. These measurements will be provided to the structural engineer. Following completion of the structural analysis the work plan will be developed for remaining elements of the chimney restoration program.

Removal of the top 20 feet of the chimney will remove the letter “M” which is part of the word “MILLYARD” painted on two sides of the chimney. As a temporary measure, the City has asked International Chimney to paint over the letter “I”. It is preferable for the Chimney to have the letters “LLYARD” remaining until the full rehabilitation is implemented than to have the letters “ILLYARD”.

During discussion of the early action task to remove the top 20 feet, it was noted by NHDHR that International Chimney Corporation has successfully completed projects within New Hampshire.

NHDHR recommended that the holes be drilled at mortar joints to avoid damage to bricks. This recommendation will be implemented.

This removal is scheduled to be performed by the end of February. Weather conditions may lead to a delay.

It was agreed that the City will confer with NHDHR during development of the work plan for remaining elements of the chimney rehabilitation program.

The City will provide NHDHR a copy of Boston Chimney and Tower's report as well as a more detailed description of International Chimney Corporation's work plan for the upcoming removal of the top 20 feet.